

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	(metal\$3 mold\$3 reinforce\$4 piezoelectric).clm.	US-PGPUB	AND	ON	2006/08/24 09:47
L2	102	(metal\$3 mold\$3 piezoelectric).clm.	US-PGPUB	AND	ON	2006/08/24 09:48
L3	96	2 not 1	US-PGPUB	AND	ON	2006/08/24 09:48

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L1	6	(metal\$3 mold\$3 reinforce\$4 piezoelectric).clm.	US-PGPUB	AND	ON	2006/08/24 09:47
L2	102	(metal\$3 mold\$3 piezoelectric).clm.	US-PGPUB	AND	ON	2006/08/24 09:48
L3	96	2 not 1	US-PGPUB	AND	ON	2006/08/24 09:48
S1	1824	347/68.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:33
S2	606	347/70.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 13:11
S3	2242	((reinforce\$4 near3 (member plate substrate)) with (metal\$3)) and mold\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 13:08
S4	1	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 13:08
S5	3	("5983471"   "6036303"   "6325493").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/07 13:10
S6	0	("6547373").URPN.	USPAT	OR	ON	2006/03/07 13:11
S7	65275	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 13:11
S8	12	S3 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 13:26
S9	2	"20050116992"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 13:31
S10	2	"6547373".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 13:47
S11	1	2002-077100.NRAN.	DERWENT	OR	ON	2006/03/07 13:32
S12	2	"6997698".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 14:19
S13	2	"6547373".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 14:20

## EAST Search History

S14	0	S13 and anchor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 14:21
S15	1	(steel nickel aluminum) and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 14:21
S16	2	"20020005879"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 14:37
S17	3	("5983471"   "6036303"   "6325493").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 13:17
S18	1	("6547373").URPN.	USPAT	OR	ON	2006/08/23 13:18
S19	844759	(metal\$3 cavity actuator reinforce\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 13:20
S20	208983	(metal\$3 cavity actuator reinforce\$4).clm.	US-PGPUB	OR	ON	2006/08/23 13:20
S21	232722	(metal\$3 cavity actuator reinforce\$4 mold\$3).clm.	US-PGPUB	OR	ON	2006/08/23 13:20
S22	3	(metal\$3 cavity actuator reinforce\$4 mold\$3).clm.	US-PGPUB	AND	ON	2006/08/23 13:20
S23	3	(metal\$3 cavity actuator reinforce\$4 mold\$3).clm.	US-PGPUB	AND	ON	2006/08/23 13:20
S24	3225	347/68-72.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 08:56
S25	3571	29/25.35,890.1.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 08:56
S26	22	((piezoelectric pzt) with (chamber unit casing)) same (metal\$3 with reinforce\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 08:58
S27	3135	(chamber unit casing) with (metal\$3 with (shim reinforce\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:01
S28	6	S24 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:01
S29	460	(chamber unit casing) same (metal\$3 with (shim reinforce\$3) with (mold\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:02

## EAST Search History

S30	0	S24 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:02
S31	0	S25 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:02
S32	4034	(metal\$3 with (shim reinforce\$3) with mold\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:02
S33	0	S24 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:02
S34	0	S25 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:02
S35	222707	(metal\$4 with mold\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:03
S36	64	S24 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:21
S37	105	S25 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:21
S38	34	S37 and (piezo pzt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:24
S39	152279	(seiko with epson).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:24
S40	788	S24 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:27
S41	116	S40 and mold\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:27

## EAST Search History

S42	95	S40 and mold\$3 and metal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:27
S43	175	S25 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:27
S44	27	S43 and mold\$3 and metal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 09:31